

## SEQUENCE LISTING

<110> YAN, Chunhua et al.

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

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Leu Cys His Asp Glu Glu His Glu Lys Leu Phe Asp Leu Val Arg Arg			
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Met Leu Glu Tyr Asp Pro Thr Gln Arg Ile Thr Leu Asp Glu Ala Leu			
405	410	415	
Gln His Pro Phe Phe Asp Leu Leu Lys Lys Lys			
420	425		

<210> 5  
<211> 429  
<212> PRT  
<213> Homo sapiens

<400> 5			
Ser His Tyr Leu Glu Ser Arg Ser Ile Asn Glu Lys Asp Tyr His Ser			
1	5	10	15
Arg Arg Tyr Ile Asp Glu Tyr Arg Asn Asp Tyr Thr Gln Gly Cys Glu			
20	25	30	
Pro Gly His Arg Gln Arg Asp His Glu Ser Arg Tyr Gln Asn His Ser			
35	40	45	
Ser Lys Ser Ser Gly Arg Ser Gly Arg Ser Ser Tyr Lys Ser Lys His			
50	55	60	
Arg Ile His His Ser Thr Ser His Arg Arg Ser His Gly Lys Ser His			
65	70	75	80
Arg Arg Lys Arg Thr Arg Ser Val Glu Asp Asp Glu Glu Gly His Leu			
85	90	95	
Ile Cys Gln Ser Gly Asp Val Leu Ser Ala Arg Tyr Glu Ile Val Asp			
100	105	110	
Thr Leu Gly Glu Gly Ala Phe Gly Lys Val Val Glu Cys Ile Asp His			

115	120	125
Lys Ala Gly Gly Arg His Val	Ala Val Lys Ile Val	Lys Asn Val Asp
130	135	140
Arg Tyr Cys Glu Ala Ala Arg Ser Glu Ile Gln Val Leu Glu His Leu		
145	150	155
Asn Thr Thr Asp Pro Asn Ser Thr Phe Arg Cys Val Gln Met Leu Glu		
165	170	175
Trp Phe Glu His His Gly His Ile Cys Ile Val Phe Glu Leu Leu Gly		
180	185	190
Leu Ser Thr Tyr Asp Phe Ile Lys Glu Asn Gly Phe Leu Pro Phe Arg		
195	200	205
Leu Asp His Ile Arg Lys Met Ala Tyr Gln Ile Cys Lys Ser Val Asn		
210	215	220
Phe Leu His Ser Asn Lys Leu Thr His Thr Asp Leu Lys Pro Glu Asn		
225	230	235
Ile Leu Phe Val Gln Ser Asp Tyr Thr Glu Ala Tyr Asn Pro Lys Ile		
245	250	255
Lys Arg Asp Glu Arg Thr Leu Ile Asn Pro Asp Ile Lys Val Val Asp		
260	265	270
Phe Gly Ser Ala Thr Tyr Asp Asp Glu His His Ser Thr Leu Val Ser		
275	280	285
Thr Arg His Tyr Arg Ala Pro Glu Val Ile Leu Ala Leu Gly Trp Ser		
290	295	300
Gln Pro Cys Asp Val Trp Ser Ile Gly Cys Ile Leu Ile Glu Tyr Tyr		
305	310	315
Leu Gly Phe Thr Val Phe Pro Thr His Asp Ser Lys Glu His Leu Ala		
325	330	335
Met Met Glu Arg Ile Leu Gly Pro Leu Pro Lys His Met Ile Gln Lys		
340	345	350
Thr Arg Lys Arg Lys Tyr Phe His His Asp Arg Leu Asp Trp Asp Glu		
355	360	365
His Ser Ser Ala Gly Arg Tyr Val Ser Arg Ala Cys Lys Pro Leu Lys		
370	375	380
Glu Phe Met Leu Ser Gln Asp Val Glu His Glu Arg Leu Phe Asp Leu		
385	390	395
Ile Gln Lys Met Leu Glu Tyr Asp Pro Ala Lys Arg Ile Thr Leu Arg		
405	410	415
Glu Ala Leu Lys His Pro Phe Phe Asp Leu Leu Lys Lys		
420	425	